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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/624,445	07/24/2000	Stephen Uhler	P5297/RSH	5723
32615	7590	09/30/2005	EXAMINER	
OSHA LIANG L.L.P./SUN 1221 MCKINNEY, SUITE 2800 HOUSTON, TX 77010			ANYA, CHARLES E	
			ART UNIT	PAPER NUMBER
			2194	
DATE MAILED: 09/30/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/624,445

Applicant(s)

UHLER ET AL.

Examiner

Charles E. Anya

Art Unit

2194

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3/MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 25 August 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 27-41 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 27-41 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

**DETAILED ACTION**

1. Claims 27-41 are pending in this application.

***Claim Rejections - 35 USC § 112***

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. **Claim 1 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.**

The following terms lack antecedent basis:

- i. "the request handler" on line 4 of claim 1.

For the purpose of this office action the Examiner would change the term "the request handler" to "a request handler".

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made

to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

**5. Claims 27-41 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Pub. No. 2002/00332783 A1 to Tuatini in view of U.S. Pub. No. 2005/0050164 A1 to Burd et al.**

6. As to claim 27, Tuatini teaches a method for processing a request from a web application comprising: receiving the request by a server object (Application Framework 503 page 4 paragraph 0067); generating a request object to manage processing of the request (“...action request object...” page 4 paragraph 0068, Creates 801 page 5 paragraph 0073); forwarding the request to a handler object by a request handler (“...forwards...” page 4 paragraph 0067); processing the request using the handler object (“...action handler...” page 4 paragraph 0067/0069/0070), wherein processing the request using the handler object comprises sequentially invoking a first interior node handler object configured to process a portion of the request to generate a first partial result, and invoking a second interior node handler object configured to generate at least one selected from the group consisting of a second partial result and a result using the first partial result, wherein the second partial result is used to generate the result (“...filters...” page 4 paragraph 0067, figure 8 (“...in sequence...”) page 5 paragraphs 0073/0074 figure 9 page 5 paragraphs 0075/0076 figure 11 page 5 paragraphs 0077/0078, figure 14 page 9 paragraph 0082).

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7. Tuatini is silent with reference to storing the first and second partial result in a properties object (page 10 paragraph 0100).

8. Burd teaches storing the first and second partial result in a properties object.

9. It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Burd and Tuatini because the teaching of Burd would improve the system of Tuatini by providing server side control objects that can cooperate to process the logically corresponding user interface elements, hence producing an advantage from the concurrent existence of multiple server side control objects during the processing of a client request and the generation of a response (Burd page 2 paragraph 0015).

10. As to claim 28, see the rejection of claim 27 above.

11. As claim 29, Tuatini teaches the method of claim 27, wherein the properties object is further configured to provide information to the server object (Context Object 703 page 4 paragraph 0072, wherein the server object is configured to initialize the request object and the handler object (page 4 paragraph 0069).

12. As to claim 30, Tuatini teaches the method of claim 27, further comprising: calling a response method of a second handler object in formulating the response (figure 8 page 5 paragraph 0073).

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13. As claim 31, Tuatini teaches the method of claim 27, wherein the handler object obtains content from a server, and wherein the handler object extracts relevant information from the content, and reformats the content according to a template (page 11 paragraph 0092).

14. As to claim 32, Tuatini teaches the method of claim 27, wherein the handler object is called on to respond to a request embodied in the request object (page 4 paragraphs 0069/0070).

15. As to claim 33, Tuatini teaches the method of claim 27, wherein the first and the second interior node handler object exchange information via the properties object (figure 12 page 5 paragraph 0079).

16. As to claim 34, Tuatini teaches the method of claim 27, wherein the first interior node handler object and the second interior node handler object are configured to modify the properties object and respond to the request based on the properties object (page 5 paragraph 0079).

17. As to claim 35, Tuatini teaches the method of claim 27, further comprising: formulating a response to the request. ("...formatting the response..." page 2 paragraph 0060).

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18. As claim 36, Tuatini teaches the framework of claim 28, wherein the server object is configured to call an initialization method of the handler object, wherein the handler object is associated with a handler object name (figure 14 page 9 paragraph 0082).

19. As claim 37, Tuatini teaches the framework of claim 28, wherein the handler object is configured to instantiate a second handler object (Create 803 page 5 paragraph 0073).

20. As to claim 38, Tuatini teaches the framework of claim 28, wherein the handler object is configured to modify the properties object to obtain a modified request object (page 5 paragraph 0079).

21. As to claim 39, Tuatini teaches the framework of claim 28, wherein the request object is configured to obtain and parse the request (page 4 paragraph 0069).

22. As to claim 40, Tuatini teaches the framework of claim 28, wherein the request object comprises information related to the request (page 4 paragraph 0067).

23. As to claim 41, Burd teaches the framework of claim 28, wherein the properties object comprises a name value pair (page paragraph 0071).

***Response to Arguments***

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24. Applicant's arguments with respect to claims 27-41 have been considered but are moot in view of the new ground(s) of rejection.

**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles E. Anya whose telephone number is (571) 272-3757. The examiner can normally be reached on M-F (8:30-6:00) First Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, An Meng-Ai can be reached on (571) 272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Charles E Anya  
Examiner  
Art Unit 2194

cea.

  
MENG-AI TAN  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100